

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1 | ((slab adj1 (waveguid\$2 (wave adj1 guid\$3))) and (array\$2 adj1 (waveguid\$2 (wave adj1 guid\$3))) and (mov\$4 near4 mirror) and (multiplex\$3 mux) and (demultiplex\$3 demux dmux) and (switch\$3)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 21:00 |
| L2 | 1 | ((moving movable) near5 cantilever) and substrate and (((reflect\$3 mirror) near5 (moving movable) with dent\$2) and etch\$3).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 21:01 |
| L3 | 1 | ((moving movable) near5 cantilever) and substrate and (((reflect\$3 mirror) near5 (moving movable) with girder)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 21:01 |
| S1 | 8299 | AWG (array\$3 adj1 waveguide\$3 adj1 grating\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:36 |
| S2 | 8273 | AWG (array\$3 adj1 waveguide\$3 adj1 grating\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 17:04 |
| S3 | 1 | 10/799579 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:05 |
| S4 | 840 | S1 same ((slab\$1 planar chip\$1 bloc\$2) near3 (waveguide\$3 (wave adj1 guide\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:42 |
| S5 | 422 | S4 and (mirror\$1 (reflect\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:13 |

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| S6 | 158 | S4 same (mirror\$1 (reflect\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:08 |
| S7 | 129 | S6 and (multiplex\$3 demultiplex\$3 Mux demux dmux) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:14 |
| S8 | 113 | S4 and (mirrors) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 17:13 |
| S9 | 109 | S8 and (multiplex\$3 demultiplex\$3 Mux demux dmux) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:49 |
| S10 | 9 | S1 and S4 and (input\$4 with output\$4 with "same side") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:47 |
| S11 | 2 | "5960133".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:48 |
| S12 | 1286 | 385/18.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 17:48 |
| S13 | 496 | ((array plurality) near3 mirror\$1) and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:37 |

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| S14 | 246 | S13 and (multiplex\$3 demultiplex\$3 Mux demux dmux) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:37 |
| S15 | 24 | S1 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 18:51 |
| S16 | 2 | GSG and BPSG and PSG and GPSG | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 18:33 |
| S17 | 2 | GSG and (BPSG PSG) and GPSG | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 18:34 |
| S18 | 15 | S15 and (focus\$4 focal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 18:51 |
| S19 | 11 | S15 and (focus\$4 focal) with mirror\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 18:51 |
| S20 | 1459 | mirror with (dent\$3 indent\$5 groov\$3) near3 surface | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:24 |
| S21 | 115 | S20 and (waveguid\$3 (wave adj1 guid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:42 |

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| S22 | 3860 | MEM with mirror | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:43 |
| S23 | 237 | MEM with mirror same waveguide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:43 |
| S24 | 208 | MEM with (mirror near1 (move\$1 moving moveable)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 17:24 |
| S25 | 208 | S24 and (mirror near1 (move\$1 moving moveable)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:46 |
| S26 | 1044 | (AWG (array\$3 adj1 (waveguide\$3 (wave adj1 guid\$3)))) and (slab near1 (waveguide\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:18 |
| S27 | 232 | S26 and mirror | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 17:20 |
| S28 | 8 | S26 and (mirror near1 (move\$1 moving moveable)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:16 |
| S29 | 1670 | (AWG (array\$3 adj1 (waveguide\$3 (wave adj1 guid\$3)))) and ((planar slab) near1 (waveguide\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:15 |

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| S30 | 30 | S29 and (mirror near1 (move\$1 moving moveable)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:16 |
| S31 | 1044 | (AWG (array\$3 adj1 (waveguide\$3 (wave adj1 guid\$3)))) and (slab near1 (waveguide\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:00 |
| S32 | 8 | S31 and (mirror near1 (move\$1 moving moveable)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:24 |
| S33 | 22 | S30 not S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:16 |
| S34 | 232 | S31 and (mirror (mirror near1 array)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:18 |
| S35 | 251 | S31 and grating same (focal focus\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:02 |
| S36 | 35 | S31 and grating same ((focal focus\$3) with (mirror reflect\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:03 |

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|-----|-----|---|---|----|-----|------------------|
| S37 | 20 | (US-20030007728-\$ or US-20040091211-\$ or US-20040105610-\$ or US-20040156580-\$ or US-20040264846-\$ or US-20050018957-\$ or US-20050025415-\$ or US-20050058392-\$).did. or (US-6456760-\$ or US-6646813-\$ or US-6656528-\$ or US-6735008-\$ or US-6766074-\$ or US-6778716-\$ or US-6788842-\$ or US-6810177-\$ or US-6892003-\$ or US-6904203-\$). did. or (DE-4303404-\$ or JP-2004264868-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 12:39 |
| S38 | 10 | S37 and (mirror near3 mov\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 13:53 |
| S39 | 10 | S38 and (mirrors (mirror near1 array)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 12:40 |
| S40 | 10 | S38 and (mirrors (mirror near1 array)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 12:40 |
| S41 | 318 | (reflect\$3 mirror) near3 (dent\$3 groov\$3) and MEM\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:02 |
| S42 | 74 | S41 and (waveguid\$3 (wave adj1 guid\$3) (optic\$2 near1 fiber)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 14:48 |
| S43 | 19 | S42 and (mirror near1 mov\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 14:53 |

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| S44 | 34 | S41 and (mirror near1 mov\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 14:54 |
| S45 | 15 | S44 not S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 14:53 |
| S46 | 129 | MEM and (mirror near1 mov\$3) and cantilever | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 14:58 |
| S47 | 389 | mirror with (v adj1 groov\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 14:59 |
| S48 | 56 | S47 and MEM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 14:59 |
| S49 | 1748 | (reflect\$3 mirror) near3 (dent\$3 groov\$3) with (face end) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:03 |
| S50 | 1035 | (reflect\$3 mirror) near5 (dent\$3 groov\$3) near2 (face end) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:04 |
| S51 | 1089 | (reflect\$3 mirror) near5 (dent\$3 groov\$3) near2 (face end tip) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:04 |

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| S52 | 170 | S51 same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:17 |
| S53 | 281 | mirror near3 ((groov\$3 dent\$2) near1 (face end tip surface)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:28 |
| S54 | 1 | ((mov\$3 adjust\$4 tun\$4 chang\$4) near1 (mirror reflect\$3)) near3 ((groov\$3 dent\$2) near1 (face end tip surface)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:30 |
| S55 | 3 | ((mov\$3 adjust\$4 tun\$4 chang\$4) near1 (mirror reflect\$3)) near7 ((groov\$3 dent\$2) near1 (face end tip surface)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:31 |
| S56 | 17 | ((mov\$3 adjust\$4 tun\$4 chang\$4) near3 (mirror reflect\$3)) near7 ((groov\$3 dent\$2) near1 (face end tip surface)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:35 |
| S57 | 8 | mirror with ((dented grooved) near1 face) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S58 | 9 | (mirror reflect\$3) with (dent\$2 groov\$3) and mills.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 17:07 |
| S59 | 1 | 10/718116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:48 |

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| S60 | 558 | monolithic same substrate same mirror | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/29 12:54 |
| S61 | 2 | monolithic same substrate same mirror same core same (clad cladding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/29 13:30 |
| S62 | 341 | MEM\$1 and mirror and (core same (clad cladding)) and (waveguid\$3 (wave adj1 guid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/29 13:38 |
| S64 | 50 | S62 and ((waveguid\$3 (wave adj1 guid\$3)) with diffract\$3 with grating) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/29 13:39 |
| S65 | 455 | MEM\$1 and (reflect\$3 mirror) and (core same (clad cladding)) and (waveguid\$3 (wave adj1 guid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/29 13:38 |
| S66 | 232 | (MEM\$1 same (reflect\$3 mirror)) and (core same (clad cladding)) and (waveguid\$3 (wave adj1 guid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/29 13:39 |
| S67 | 38 | S66 and ((waveguid\$3 (wave adj1 guid\$3)) with diffract\$3 with grating) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/29 13:39 |
| S68 | 31032 | (mirror reflect\$3) with ((v adj1 shap\$3) indent\$3 dent\$3 groov\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 17:08 |

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| S69 | 757 | (mirror reflect\$3) with (((v adj1 shap\$3) indent\$3 dent\$3 groov\$3) near (end face endface)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 18:12 |
| S70 | 13 | S69 same (micro MEM\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 17:10 |
| S71 | 3485 | (mirror reflect\$3) with (((v adj1 shap\$3) indent\$3 dent\$3 groov\$3) near5 (end face endface)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 17:10 |
| S72 | 103 | S71 same (micro MEM\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 17:57 |
| S73 | 10 | S72 and (waveguid\$3 (wave adj1 guid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 17:57 |
| S74 | 41 | (mirror reflect\$3) near5 (v near1 (shap\$3 groov\$3)) with movable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 10:43 |
| S75 | 1053 | ((mirror reflect\$3) near5 movable) with substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 10:58 |
| S76 | 24 | S75 same grating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 10:53 |

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| S77 | 1649 | ((mirror reflect\$3) near5 movable) same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 14:17 |
| S78 | 6 | S77 same (slab adj (waveguid\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 13:10 |
| S79 | 39 | (sacrific\$4 near5 layer) and (slab adj1 (waveguid\$3 (wave adj1 guid\$3))) and (array\$3 adj1 (waveguid\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 13:40 |
| S80 | 2 | (sacrific\$4 near5 layer) same (clad cladding) and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 13:15 |
| S81 | 394 | (sacrific\$4 near5 layer) and clad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 13:15 |
| S82 | 38 | S79 and (clad cladding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 13:15 |
| S83 | 93 | (sacrific\$4 near5 layer) and (array\$3 adj1 (waveguid\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 13:42 |
| S84 | 9 | ((sacrific\$4 near5 layer) same (clad cladding)) and (array\$3 adj1 (waveguid\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 13:42 |

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| S85 | 3584 | ((mirror reflect\$3) near5 (movable moves moving moved)) same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 14:21 |
| S86 | 3656 | (clad cladding) and (sacrific\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 14:18 |
| S87 | 24 | S85 and S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 14:19 |
| S89 | 1 | 10/799579 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 16:47 |
| S90 | 129 | ((v (v adj1 shap\$3) groove\$1) near2 mirror) with (substrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 16:49 |
| S91 | 3 | "2002031768" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 19:32 |
| S92 | 3327 | 385/16-17.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:34 |
| S93 | 7304 | AWG (array\$3 adj1 waveguide\$3 adj1 grating\$1) and S92 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:36 |

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| S94 | 137 | (AWG (array\$3 adj1 waveguide\$3 adj1 grating\$1)) and S92 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:36 |
| S95 | 471 | ((array plurality) near3 mirror\$1) and S92 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:37 |
| S96 | 240 | S95 and (multiplex\$3 demultiplex\$3 Mux demux dmux) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:37 |
| S97 | 760 | (mirror reflect\$3) with (((v adj1 shap\$3) indent\$3 dent\$3 groov\$3) near (end face endface)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:38 |
| S98 | 2 | S97 and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:38 |
| S99 | 39 | (sacrific\$4 near5 layer) and (slab adj1 (waveguid\$3 (wave adj1 guid\$3))) and (array\$3 adj1 (waveguid\$3 (wave adj1 guid\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:39 |
| S10 0 | 38 | S99 and (clad cladding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:39 |
| S10 1 | 8594 | AWG (array\$3 adj1 waveguide\$3 adj1 grating\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:52 |

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|----------|------|---|---|----|----|------------------|
| S10 2 | 1340 | 385/18.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:52 |
| S10 3 | 517 | ((array plurality) near3 mirror\$1) and S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:52 |
| S10 4 | 24 | S101 and S103 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:52 |
| S10 5 | 15 | S104 and (focus\$4 focal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 20:52 |



PALM INTRANET

Day : Thursday

Date: 9/1/2005

Time: 21:02:12

Inventor Name Search Result

Your Search was:

Last Name = NAKATA

First Name = HIDEHIKO

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------------------|-------------------------|--------|------------|--|--------------------|
| 09385058 | 6189314 | 150 | 08/30/1999 | COMBUSTOR FOR GAS TURBINE ENGINE | NAKATA, HIDEHIKO |
| 10076585 | 6667550 | 150 | 02/19/2002 | INSTALLATION STRUCTURE AND METHOD FOR OPTICAL PARTS AND ELECTRIC PARTS | NAKATA, HIDEHIKO |
| 10103811 | Not Issued | 161 | 03/25/2002 | Optical circuit and manufacturing method of the same | NAKATA, HIDEHIKO |
| 10271552 | 6913705 | 150 | 10/17/2002 | MANUFACTURING METHOD FOR OPTICAL INTEGRATED CIRCUIT HAVING SPATIAL REFLECTION TYPE STRUCTURE | NAKATA, HIDEHIKO |
| 10794088 | Not Issued | 93 | 03/08/2004 | FOIL BEARING | NAKATA, HIDEHIKO |
| 10799579 | Not Issued | 71 | 03/11/2004 | Optical wavelength switch having planar lightwave circuit structure | NAKATA, HIDEHIKO |
| 10815937 | Not Issued | 30 | 04/02/2004 | Foil bearing | NAKATA, HIDEHIKO |
| 10928363 | Not Issued | 30 | 08/27/2004 | Optical waveguide module | NAKATA, HIDEHIKO |
| 10934060 | Not Issued | 30 | 09/03/2004 | Optical waveguide and optical information processing device | NAKATA, HIDEHIKO |
| 11017752 | Not Issued | 30 | 12/22/2004 | Method for manufacturing device | NAKATA, HIDEHIKO |
| 11041421 | Not Issued | 41 | 01/25/2005 | Optical waveguide device, and method for fabricating the optical waveguide device | NAKATA, HIDEHIKO |
| 09962166 | 6700571 | 150 | 09/26/2001 | MATRIX-TYPE DISPLAY DEVICE | NAKATANI, HIDEHIKO |
| 10507921 | Not Issued | 30 | 09/16/2004 | Mobile telephone device having camera and illumination device for camera | NAKATANI, HIDEHIKO |

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 NAKATA HIDEHIKO

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Inventor Name Search Result

Your Search was:

Last Name = IDE

First Name = SATOSHI

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------------------|-------------------------|--------|------------|--|---------------|
| 06479178 | 4562995 | 150 | 03/28/1983 | WORKING FLUIDS FOR RANKINE CYCLE | IDE, SATOSHI |
| 06511584 | Not Issued | 166 | 07/07/1983 | WORKING FLUIDS FOR RANKINE CYCLE | IDE, SATOSHI |
| 06533926 | Not Issued | 161 | 09/20/1983 | REFRIGERANT COMPOSITION | IDE, SATOSHI |
| 06555336 | 4530773 | 150 | 11/28/1983 | WORKING FLUIDS FOR RANKINE CYCLE | IDE, SATOSHI |
| 06617471 | Not Issued | 166 | 06/05/1984 | HEAT PUMP MEDIUM | IDE, SATOSHI |
| 06632276 | 4557851 | 150 | 07/20/1984 | WORKING FLUIDS FOR RANKINE CYCLE COMPRISING TRICHLOROMETHANE AND 1,1,-DIFLUOROETHANE, ISOBUTANE OR OCTAFLUOROCYCLOBUTANE | IDE, SATOSHI |
| 06681256 | 4651531 | 150 | 12/13/1984 | WORKING FLUIDS FOR RANKINE CYCLE | IDE, SATOSHI |
| 06803525 | 4673517 | 150 | 12/02/1985 | HEAT PUMP | IDE, SATOSHI |
| 07288897 | 5047176 | 150 | 12/23/1988 | INCOMBUSTIBLE AZEOTROPIC LIKE SOLVENT COMPOSITIONS | IDE, SATOSHI |
| 07298097 | 4973421 | 150 | 01/18/1989 | AZEOTROPIC SOLVENT COMPOSITION | IDE, SATOSHI |
| 07328399 | Not Issued | 161 | 03/24/1989 | INCOMBUSTIBLE AZEOTROPIC LIKE SOLVENT COMPOSITIONS | IDE, SATOSHI |
| 07452478 | 5035828 | 250 | 12/19/1989 | SOLVENTS CONTAINING DICHLOROTETRAFLUOROPROPANE | IDE, SATOSHI |
| 07480824 | Not Issued | 166 | 02/16/1990 | APPARATUS FOR SCRIBING GRAIN-ORIENTED ELECTRICAL STEEL STRIP | IDE, SATOSHI |
| 07750759 | 5150598 | 150 | 08/22/1991 | APPARATUS FOR SCRIBING GRAIN-ORIENTED ELECTRICAL STEEL STRIP | IDE, SATOSHI |
| 07889364 | 5346645 | 150 | 05/28/1992 | DESICCANT COMPOSITION AND A METHOD OF DESICCATING ARTICLES | IDE, SATOSHI |
| 07978365 | Not Issued | 161 | 11/18/1992 | DESICCANT COMPOSITION AND A METHOD OF DESICCATING ARTICLES | IDE, SATOSHI |
| 08050097 | Not Issued | 161 | 09/24/1993 | BLOWING COMPOSITION | IDE, SATOSHI |
| 08196214 | 5667594 | 150 | 03/14/1994 | CLEANING METHOD WITH SOLVENT | IDE, SATOSHI |
| 08199190 | 5424002 | 150 | 02/28/1994 | SOLVENT COMPOSITION COMPRISING MIXTURE OF POLYFLUOROALKANE AND LOWER ALCOHOL | IDE, SATOSHI |

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|-----------------|----------------|-----|------------|--|--------------|
| <u>08290702</u> | Not Issued | 166 | 08/12/1994 | BLOWING COMPOSITION, METHOD FOR PRODUCING FOAM USING THE COMPOSITION AND FOAM | IDE, SATOSHI |
| <u>08416750</u> | <u>5599783</u> | 150 | 05/09/1995 | CLEANING SOLVENT COMPOSITION AND A METHOD FOR CLEANING OR DRYING ARTICLES | IDE, SATOSHI |
| <u>08433347</u> | <u>5696306</u> | 150 | 06/22/1995 | DECOMPOSITION INHIBITOR FOR HYDROGEN- AND FLUORINE-CONTAINING HALOGENATED HYDROCARBONS AND METHOD OF INHIBITING DECOMPOSITION USING SAME | IDE, SATOSHI |
| <u>08492041</u> | <u>6019909</u> | 150 | 07/21/1995 | FLUORINATED HYDROCARBON COMPOUND AND PROCESS FOR ITS PREPARATION, AND REFRIGERATOR OIL AND MAGNETIC RECORDING MEDIUM LUBRICANT | IDE, SATOSHI |
| <u>08513804</u> | Not Issued | 166 | 09/07/1995 | PRODUCTION METHOD FOR CLEANED ARTICLES | IDE, SATOSHI |
| <u>08665841</u> | <u>5601753</u> | 150 | 06/17/1996 | BLOWING COMPOSITION, METHOD FOR PRODUCING FOAM USING THE COMPOSITION AND FOAM | IDE, SATOSHI |
| <u>08722023</u> | <u>5773404</u> | 150 | 10/11/1996 | AZEOTROPIC COMPOSITION | IDE, SATOSHI |
| <u>08750718</u> | <u>6018952</u> | 150 | 03/18/1997 | METHOD FOR CHARGING REFRIGERANT BLEND | IDE, SATOSHI |
| <u>08910002</u> | <u>5955921</u> | 150 | 08/11/1997 | SIGNAL AMPLIFIER CIRCUIT | IDE, SATOSHI |
| <u>08912688</u> | <u>5923219</u> | 150 | 08/18/1997 | AUTOMATIC THRESHOLD CONTROL CIRCUIT AND SIGNAL AMPLIFYING CIRCUIT FOR AMPLIFYING SIGNALS BY COMPENSATING FOR LOW-FREQUENCY RESPONSE OF PHOTODETECTOR | IDE, SATOSHI |
| <u>08945126</u> | <u>5959165</u> | 150 | 10/17/1997 | METHOD AND COMPOSITION FOR INHIBITING DECOMPOSITION OF 1, 1, 1, 2, 3, 3-HEXAFLUOROPROPANE AND 1, 1, 1, 3, 3- PENTAFLUOROPROPANE | IDE, SATOSHI |
| <u>08967210</u> | Not Issued | 161 | 10/29/1997 | PRODUCTION METHOD FOR CLEANED ARTICLES | IDE, SATOSHI |
| <u>09053499</u> | <u>6169619</u> | 150 | 04/02/1998 | APPARATUS AND METHOD FOR RECEPTION OF OPTICAL SIGNAL | IDE, SATOSHI |
| <u>09109290</u> | <u>5952884</u> | 150 | 06/30/1998 | CURRENT MIRROR CIRCUIT AND SEMICONDUCTOR INTEGRATED CIRCUIT HAVING THE CURRENT MIRROR CIRCUIT | IDE, SATOSHI |
| <u>09117103</u> | <u>6058717</u> | 150 | 10/13/1998 | METHOD FOR CHARGING REFRIGERANT BLEND | IDE, SATOSHI |
| <u>09174309</u> | <u>6292284</u> | 150 | 10/19/1998 | LIGHT EMITTING ELEMENT DRIVING APPARATUS | IDE, SATOSHI |
| <u>09215157</u> | <u>6313662</u> | 150 | 12/18/1998 | HIGH SPEED LOW VOLTAGE DIFFERENTIAL SIGNAL DRIVER HAVING REDUCED PULSE WIDTH DISTORTION | IDE, SATOSHI |
| <u>09296513</u> | <u>6163215</u> | 150 | 04/22/1999 | VARIABLE GAIN AMPLIFIER | IDE, SATOSHI |
| <u>09341300</u> | <u>6133332</u> | 150 | 07/08/1999 | PROCESS FOR PRODUCING PHENOLIC RESIN FOAMS | IDE, SATOSHI |

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|--------------------------|-------------------------|-----|------------|---|--------------|
| 09341571 | 6237348 | 150 | 07/14/1999 | PROCESS FOR TRANSFERRING LIQUEFIED GASES BETWEEN CONTAINERS | IDE, SATOSHI |
| 09360461 | 6292058 | 150 | 07/23/1999 | SIGNAL AMPLIFYING CIRCUIT CONNECTED TO A TRANSFER CIRCUIT HAVING A KNOWN NON-LINEAR TRANSFER CHARACTERISTIC | IDE, SATOSHI |
| 09367280 | 6087408 | 150 | 08/16/1999 | PROCESS FOR THE PRODUCTION OF POLYOLEFIN RESIN FOAMS | IDE, SATOSHI |
| 09380094 | Not Issued | 161 | 08/25/1999 | REFRIGERATOR AND WORKING MEDIUM | IDE, SATOSHI |
| 09478604 | 6907202 | 150 | 01/06/2000 | BURST SIGNAL DETECTION CIRCUIT | IDE, SATOSHI |
| 09622226 | Not Issued | 161 | 08/15/2000 | Refrigerant composition | IDE, SATOSHI |
| 10010438 | 6566959 | 150 | 11/08/2001 | AMPLIFYING CIRCUIT | IDE, SATOSHI |
| 10103752 | Not Issued | 61 | 03/25/2002 | Optical waveguide and fabricating method thereof | IDE, SATOSHI |
| 10126311 | 6741772 | 150 | 04/22/2002 | OPTICAL MULTIPLEXER/DEMULTIPLEXER AND WAVEGUIDE TYPE OPTICAL COUPLER | IDE, SATOSHI |
| 10171559 | 6587004 | 150 | 06/12/2002 | SIGNAL AMPLIFIER AND OPTICAL SIGNAL RECEIVER USING THE SAME | IDE, SATOSHI |
| 10778093 | 6915055 | 150 | 02/17/2004 | OPTICAL WAVEGUIDE, FABRICATION METHOD THEREFOR AND OPTICAL WAVEGUIDE DEVICE | IDE, SATOSHI |
| 10799579 | Not Issued | 71 | 03/11/2004 | Optical wavelength switch having planar lightwave circuit structure | IDE, SATOSHI |

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First Name = SATOSHI

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|--------------------------|-------------------------|--------|------------|---|-------------------|
| 10911626 | Not Issued | 30 | 08/05/2004 | Optical switch controller and movable body controller | IDE, SATOSHI |
| 10994461 | Not Issued | 30 | 11/23/2004 | Light receiving device | IDE, SATOSHI |
| 11041421 | Not Issued | 41 | 01/25/2005 | Optical waveguide device, and method for fabricating the optical waveguide device | IDE, SATOSHI |
| 06477374 | Not Issued | 161 | 03/21/1983 | PROCESS FOR PREPARATION OF OPTICALLY ACTIVE 4-(2-HYDROXYETHYL)-2-AZETIDINONE | IDEGUCHI, SATOSHI |
| 06547963 | Not Issued | 161 | 11/02/1983 | PROCESS FOR PREPARATION OF OPTICALLY ACTIVE (4R)-SUBSTITUTED MONOCYCLIC BETA-LACTAM COMPOUNDS | IDEGUCHI, SATOSHI |
| 06712037 | Not Issued | 161 | 03/15/1985 | PROCESS FOR PREPARATION OF OPTICALLY ACTIVE 4-(2-HYDROXYETHYL)-2- AZETIDINONE | IDEGUCHI, SATOSHI |
| 06819058 | Not Issued | 161 | 01/15/1986 | PROCESS FOR PREPARATION OF OPTICALLY ACTIVE (4R)-SUBSTITUTED MONOCYCLIC BETA-LACTAM COMPOUND | IDEGUCHI, SATOSHI |
| 07331144 | 4954304 | 150 | 03/31/1989 | PROCESS FOR PRODUCING PREPREG AND LAMINATED SHEET | IDEMURA, SATOSHI |
| 08433254 | 5637653 | 150 | 05/02/1995 | POLYMER BLEND MATERIALS COMPOSED OF AN AROMATIC POLYAMIDE AND A SOLUBLE POLYAMIDE | IDEMURA, SATOSHI |
| 09265401 | 6063862 | 150 | 03/10/1999 | GLASS-POLYAMIDE COMPOSITE AND PROCESS FOR PRODUCING THE SAME | IDEMURA, SATOSHI |
| 09834400 | 6554962 | 150 | 04/13/2001 | LOUDSPEAKER AND METHOD FOR THE PREPARATION THEREOF | IDEMURA, SATOSHI |
| 10367315 | 6752906 | 150 | 02/14/2003 | LOUDSPEAKER AND METHOD FOR THE PREPARATION THEREOF | IDEMURA, SATOSHI |
| 10693693 | Not Issued | 30 | 10/27/2003 | Epoxy resin composition | IDEMURA, SATOSHI |

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Your Search was:

Last Name = TERADA

First Name = KOJI

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------------------|-------------------------|--------|------------|--|---------------|
| 07927367 | D352760 | 150 | 08/10/1992 | FISHING REEL | TERADA, KOJI |
| 07948877 | D352763 | 150 | 09/21/1992 | SPINNING REEL | TERADA, KOJI |
| 08880244 | 5997212 | 150 | 06/23/1997 | COVER FOR UNDERGROUND STRUCTURES,BODY THEREOF, AND FRAME THEREFOR | TERADA, KOJI |
| 09122093 | 6552366 | 150 | 07/24/1998 | OPTICAL TRANSMITTING AND RECEIVING DEVICE AND THE MANUFACTURING METHOD | TERADA, KOJI |
| 09127599 | 6269209 | 150 | 07/31/1998 | RESIN SEALED OPTICAL MODULE | TERADA, KOJI |
| 09393191 | 6257192 | 150 | 09/10/1999 | FOUR CYCLE ENGINE LUBRICATION STRUCTURE | TERADA, KOJI |
| 09987897 | 6579739 | 150 | 11/16/2001 | OPTICAL TRANSMITTING AND RECEIVING DEVICE AND THE MANUFACTURING METHOD | TERADA, KOJI |
| 10655036 | Not Issued | 41 | 09/05/2003 | Optical device with slab waveguide and channel waveguides on substrate | TERADA, KOJI |
| 10799579 | Not Issued | 71 | 03/11/2004 | Optical wavelength switch having planar lightwave circuit structure | TERADA, KOJI |
| 10890228 | Not Issued | 30 | 07/14/2004 | Optical module, manufacturing method therefor, protective component, and protective component with electric wiring | TERADA, KOJI |
| 11017811 | Not Issued | 20 | 12/22/2004 | Substrate, substrate adapted for interconnecting optical elements and optical module | TERADA, KOJI |
| 11064454 | Not Issued | 30 | 02/24/2005 | Optical module | TERADA, KOJI |
| 11071456 | Not Issued | 30 | 03/04/2005 | Multicylinder internal combustion engine | TERADA, KOJI |
| 11140366 | Not Issued | 30 | 05/27/2005 | Optical device | TERADA, KOJI |
| 29132403 | D447967 | 150 | 11/08/2000 | Measuring apparatus for measuring a particle size distribution | TERADA, KOJI |

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